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Of Counsel Kenneth C. Bass III Evan R. Smith

- *Admitted only in Maryland *Admitted only in Virginia •Practice Limited to

January 30, 2004

WRITER'S DIRECT NUMBER: (202) 772-8587 INTERNET ADDRESS: PGARRETT@SKGF.COM

Commissioner for Patents. PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 09/550,642; Filed: April 14, 2000 Method and System for Down-Converting an

Electromagnetic Signal, and Transforms for Same

Inventors:

Sorrells et al.

Our Ref:

1744.0920001

RECEIVED

Art Unit 2634

FFR 0 3 2004

Technology Center 2600

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Fee Transmittal Form (PTO/SB/05);
- 2. Credit Card Payment Form (PTO-2038);
- Petition for Extension of Time Form (PTO/SB/22); 3.
- Amendment and Reply under 37 C.F.R. § 1.111; 4.
- 5. Copy of our return postcard bearing the OIPE receipt stamp dated December 18, 2002;
- 6. Second Supplemental Information Disclosure Statement;
- 7. Seven (7) sheets of Form PTO-1449 listing sixty-four (64) reference documents;
- 8. One (1) copy of each reference document;
- 9. One (1) copy of a Compact Disc titled "ParkerVision IDS References Disc 3;" and
- 10. One (1) return postcard.

Sterne, Kessler, Goldstein & Fox PLLC. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skgf.com

Commissioner for Patents January 30, 2004 Page 2

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Patrick E. Garrett

Attorney for Applicants

Registration No. 39,987

PEG/mlb

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
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aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 110.00

C	omplete if Know	/n	
Application Number	09/550,642	RECEIVED	
Filing Date	04/14/00	" LEOLIVED	
First Named Inventor	Sorrells et al.	FEB 0 3 2004	
Examiner Name	Odom, Curtis I	3.	
Art Unit	2634	Technology Center 250	0
Attorney Docket No.	1744.0920001	J :	

METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)						
Check X Credit card Money X Other** None			3. ADDITIONAL FEES						
	any deficienci	e fees to Deposit Acct. No	ments in	<u>Large l</u>	Entity	Small	Entity		
Deposit	Account. the		5. 19-0036.	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Account Number	19-0036		1051	130	2051	65	Surcharge - late filing fee or oath		
Deposit Account Sterne Kessler, Goldstein & Fox P.L.L.C.		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet			
Name		1053	130	1053	130	Non-English specification			
The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments		1812	2,520	1812 2	2,520	For filing a request for ex parte reexamination			
	•	s) or any underpayment of	· •	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
_	,	elow, except for the filing		1805	1.840*	1805	1 840*	Requesting publication of SIR after	
to the above-ide					1,0-10		1,010	Examiner action	
	FEE C	ALCULATION		1251	110	2251	55	Extension for reply within first month	110.00
1. BASIC FI	LING FEE			1252	420	2252	210	Extension for reply within second month	
Large Entity S	imall Entity		F 5-14	1253	950	2253	475	Extension for reply within third month	
	Fee Fee Code (\$)	Fee Description	Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
, , ,	2001 385	Utility filing fee		1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340	2002 170	Design filing fee		1401	330	2401	165	Notice of Appeal	
1003 530	2003 265	Plant filing fee		1402	330	2402	165	Filing a brief in support of an appeal	
1004 770	2004 385	Reissue filing fee		1403	290	2403	145	Request for oral hearing	
1005 160	2005 80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
	s	SUBTOTAL (1) (\$)	0.00	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE			1453	1,330	2453	665	Petition to revive - unintentional		
Z. EXTRA C	LAIM FEE	Fee fro	om	1501	1,330	2501	665	Utility issue fee (or reissue)	
Total Claims	45 .5	Extra Claims below		1502	480	2502		Design issue fee	
Total Claims Independent	45 - 45		0.00	1503	640	2503	•	Plant issue fee	
Claims Multiple Deper		**= 0 × 86.00		1460	130	1460	130	Petitions to the Commissioner	
,		<u> </u>		1807	50	1807		Processing fee under 37 CFR 1.17(q)	
Large Entity Fee Fee	Small Entity Fee Fee	Fee Description		1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$)	Code (\$)		,	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 1201 86	2202 9 2201 43	9 Claims in excess of 203 Independent claims in		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1201 80	2201 45			1810	770	2810	385	For each additional invention to be	
1204 86	2204 43		nt claims			l		examined (37 CFR 1.129(b))	
		over original patent		1801		2801		Request for Continued Examination (RCE)	
1205 18	2205 9	** Reissue claims in e and over original pa		1802	900	1802	900	Request for expedited examination of a design application	
i	6111	BTOTAL (2) (\$)	0.00	Other	fee (sp	ecify) _			
**or number		BTOTAL (2) [(\$) id, if greater; For Reissue:		*Red	uced by	Basic I	Filing F	Fee Paid SUBTOTAL (3) (\$)	110.00

SUBMITTED BY					(Complete (if	f applicable))
Name (Print/Type)	Patrick E. Garrett	\bigcap	Registration No. (Attorney/Agent)	39,987	Telephone	(202) 371-2600
Signature		16X5 Xlaw	w /		Date	130/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Applicants:

Sorrells et al.

Application No.: 09/550,642

Filed:

April 14, 2000

Art Unit: 2634

Examiner:

Chieh Fan

Docket:

1744.0920001

Method and System for Down-Converting an Electromagnetic

Signal, and Transforms for Same

When receipt stamp is placed hereon, the USPTO acknowledges receipt of the following documents:

1. SKGF Cover Letter;

2. Supplemental Information Disclosure Statement;

. ...

3. Form PTO-1449 listing and accompanied by twenty-nine (29) documents; and

4. One return postcard.

PLEASE DATE-STAMP AND RETURN TO OUR COURIER

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FEB 0 3 2004

Technology Center 2600